

TELFORD 30



Built according to a distinctive hybrid design philosophy, the Telford 30 is a multipurpose DP3 vessel suitable for offshore accommodation, hook up and construction activities. The Telford 30 vessel has a large unobstructed main deck, a 270mt crane and large-scale accommodation capacity.



Accommodation & Hook Up



Offshore Construction



Telford Offshore International Ltd,

Mazaya Business Avenue, Building AA1, Office 1005, POB 337673, Jumeirah
Lakes Towers, Dubai, United Arab Emirates



tenders@telfordoffshore.com



www.telfordoffshore.com



+971 4 575 5061

SPECIFICATIONS

GENERAL

Classification	ABS, A1, Barge, DPS-3, PAS, CRC
Flag	Gibraltar
Call Sign	ZDHS6
IMO Number	9420655
Delivery	October 2007

PRINCIPAL DIMENSIONS

Length Overall	111.00 m
Breadth	30.48 m
Extreme Breadth	38.00 m
Depth Main Deck	6.71 m
Operating Draft	4.719 m
Maximum Draft <i>(Retractable thruster deployed)</i>	7.719 m
Gross Tonnage	13340 t
Net Tonnage	4002 t

ACCOMMODATION

Fully air-conditioned permanent accommodation for up to 500 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a hospital.

500 berths in 133 cabins

- 2 x 1 person cabins
- 13 x 2 persons cabins
- 118 x 4 persons cabins

DP SYSTEM

Kongsberg K POS 21	Aft Working Bridge
Kongsberg K POS 11	Fore Navigation Bridge

POWER PLANT

Main Generators <i>(Caterpillar)</i>	3 x Diesel Engines type CAT 3516 B (1825 kW)
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MAIN DECK

Deck Area	
Main Deck	700m ²
Top of Firing line	75m ²
Sheltered area inside Conveyor house	543m ²
Deck Strength	10t/ m ²

GANGWAY

Electric-Hydraulic Telescopic Personnel Transfer Gangway <i>(Uptime/Marine Aluminium)</i>	
Operational length	36.50 m

CRANAGE

Mast Crane <i>(Seatrax)</i>	
Main Hoist	STX 270mt@12m
Aux. Hoist	STX-man-riding
Capacity	25mt@57.3 m
Pedestal Crane <i>(TTS Marine)</i>	
Main Hoist	34 mt @20 m 22 mt @30 m
Aux. Hoist (not man-riding)	5mt@31 m

PROPULSION

Bow Thruster <i>(Wartsila)</i>	1 x electrically driven 1355kW
Forward/Aft Thruster <i>(Thrustmaster)</i>	4 x fixed pitch hinged azimuth hydraulic driven thrusters type OD1500 (1200kW)
Center Aft Thruster <i>(Wartsila)</i>	1 x electrically driven retractable fixed pitch thruster (1000kW)

CARGO CAPACITIES

Dead Weight	7396.08 t
Fuel Oil	2169.60 m ³
Lube Oil	97.30 m ³
Fresh Water	2429.80 m ³
Ballast Water	4950.2 m ³

RADIO/COMMUNICATION

V-Sat Antenna <i>(Intellian V150NX)</i>
GMDSS Areas 1,2 & 3
EPIRB
SART
Integrated Telephone System
Sound Powered Telephone
Public Address System

DP REFERENCE SYSTEM

- 1 x **RADIUS 2000** *(dual interrogators)*
- 2 x **DGPS Receivers** *(DPSI2 + DPSI4)*
- 3 x **Gyro Compass**
- 3 x **Motion Reference Units**
- 1 x **Lightweight Tautwire**
- 1 x **Gangway** *(if connected)*
- 1 x **Cyscan + Prisms Clusters**
- 3 x **Wind Sensors**

HELIDECK

- ABS, CAP437 9th Edition compliant**
suitable for Sikorsky S-92A Helibus
- Max. "D" 22.20m**
- Max. T.O.W. 13t**
- Helideck Monitoring System 300**
- Fixed Foam System** *(3 monitors)*

ENDURANCE

Fresh Water	2 x45m ³ /24hrs 1x65m ³ /24hrs
Fuel Oil <i>(typical)</i>	
Harbor	5m ³ /24hrs
Transit <i>(24m³/24hrs (80% load) 5x Thrusters in use 15m³/24hrs (50% load) 4x Side thrusters in use</i>	20m ³ /24hrs
DP	15m ³ /24hrs

LIFESAVING APPLIANCES

Liferafts	58 x 25 persons
Fast Rescue Boat	1 x 6 persons

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